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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: MICROCAPSULES BY COACERVATION CONTAINING A PHARMACEUTICAL INCORPORATED IN THE
COATING POLYMER

(57) Abstract: Microcapsules containing an active ingredient, constituted by a core coated with a polymer membrane, characterized
in that the active ingredient is incorporated in the polymer coating layer, and in that said layer is applied using microencapsulation
techniques (coacervation by means of phase separation). The microcapsules; thus produced have excellent properties of taste mask-
ing and prolonged release of the active ingredients.

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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K9/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 758 461 A (PHARMA PASS) 24 July 1998 (1998-07-24) claims 1,3,6,8	15-18, 20,25-30
A	page 7, line 19 - page 8, line 2 page 12; example 1	1-14
X	DE 199 30 795 A (ENCAPBIOSYSTEMS) 11 January 2001 (2001-01-11)	1-4, 8-12, 14-18, 20,27
X	column 3; example 1 claims 1,7	21,22,24
X	US 2002/064563 A1 (GIBBS IRWIN S ET AL) 30 May 2002 (2002-05-30) examples 1,2 paragraph '0044! paragraph '0009! - paragraph '0014!	1,2, 15-18,20
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/00116 A (SCHERING CORP) 8 January 1998 (1998-01-08) page 1, line 24 - page 2, line 5 page 5, line 3 - line 16 examples 1,2,5	15-20, 24-30
X	----- US 5 252 337 A (POWELL ET AL) 12 October 1993 (1993-10-12) example 1	21,22
X	----- DATABASE WPI Section Ch, Week 198730 Derwent Publications Ltd., London, GB; Class A96, AN 1987-209277 XP002267560 & JP 62 135419 A (IKEDA MOHANDO) 18 June 1987 (1987-06-18) abstract	15-24, 27-30
X	----- EP 0 706 794 A (JAPAN ENERGY CORPORATION) 17 April 1996 (1996-04-17) claims 1-5,8 examples 1-4	15-18, 20-22, 24,27-30
X	----- EP 0 475 536 A (TAKEDA) 18 March 1992 (1992-03-18) claims 1,4,8,10,11,13 page 3, line 39 - line 52 examples 1,10 -----	15-18, 20-22, 24,27-30

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/050962

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20, 25-30 (part)

Microcapsules comprising a core having dimension ranging from 50 to 1200 micrometer and a coating consisting of a polymeric membrane containing at least one active ingredient dispersed therein in the form of solid particles, wherein the polymer constituting the membrane is a water-soluble polymer and the particles of active ingredient are dispersed inside said polymeric membrane with a concentration that decreases progressively moving from the core towards the distal part of the membrane.

2. claims: 21-24, 25-30 (part)

Microcapsules constituted by a core having dimension ranging from 50 to 1200 micrometer and coated with a polymeric membrane comprising one or more active ingredients homogeneously dispersed thereof in the form of solid particles, characterised in that the polymer constituting the membrane is a water-insoluble polymer.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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